



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday February 23, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Winter precipitation across portions of N&W NM through tonight and across portions of OK, AR, and N/Central/W TX through Thursday.**
 - ***Significant accumulations of ice from S & E OK into Central & N AR. Difficult to impossible travel, power outages, and trees down likely.***
- **Critical fire weather conditions for Ctl & S NM, Far W TX today.**
- **Marginal risk of severe thunderstorms Thursday for LA, SE AR.**



FEMA Region 6 Threat Matrix

Feb 23, 2022 - Feb 27, 2022

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms		LA, SE AR			
Heavy Rain / Flash Flooding					
Fire Weather	Central & S NM, Far W TX				
Winds					
Winter Weather	S/E OK, Ctl/N AR	S/E OK, Ctl/N AR			
	SW/Ctl OK, N/W NM, N/Ctl/W TX	SW/Ctl OK, N/Ctl/W TX			
River Flooding	E AR	E AR	E AR	E AR	E AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

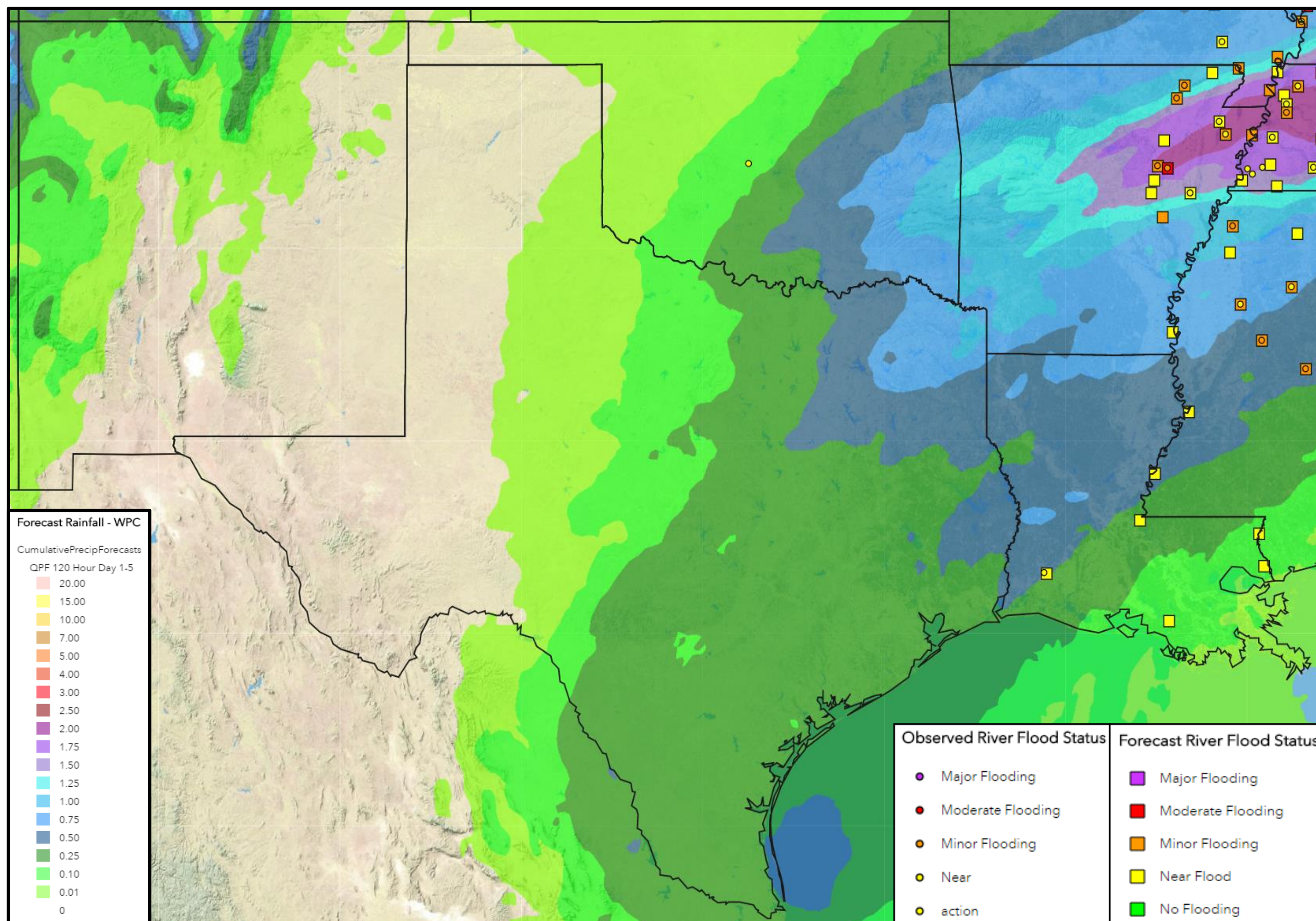
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding continues this week across parts of NE AR.

Flooding of agricultural areas, timberland, and secondary roads.

The Cache River at Patterson (AR) is forecast to approach moderate flood stage by the end of the week.

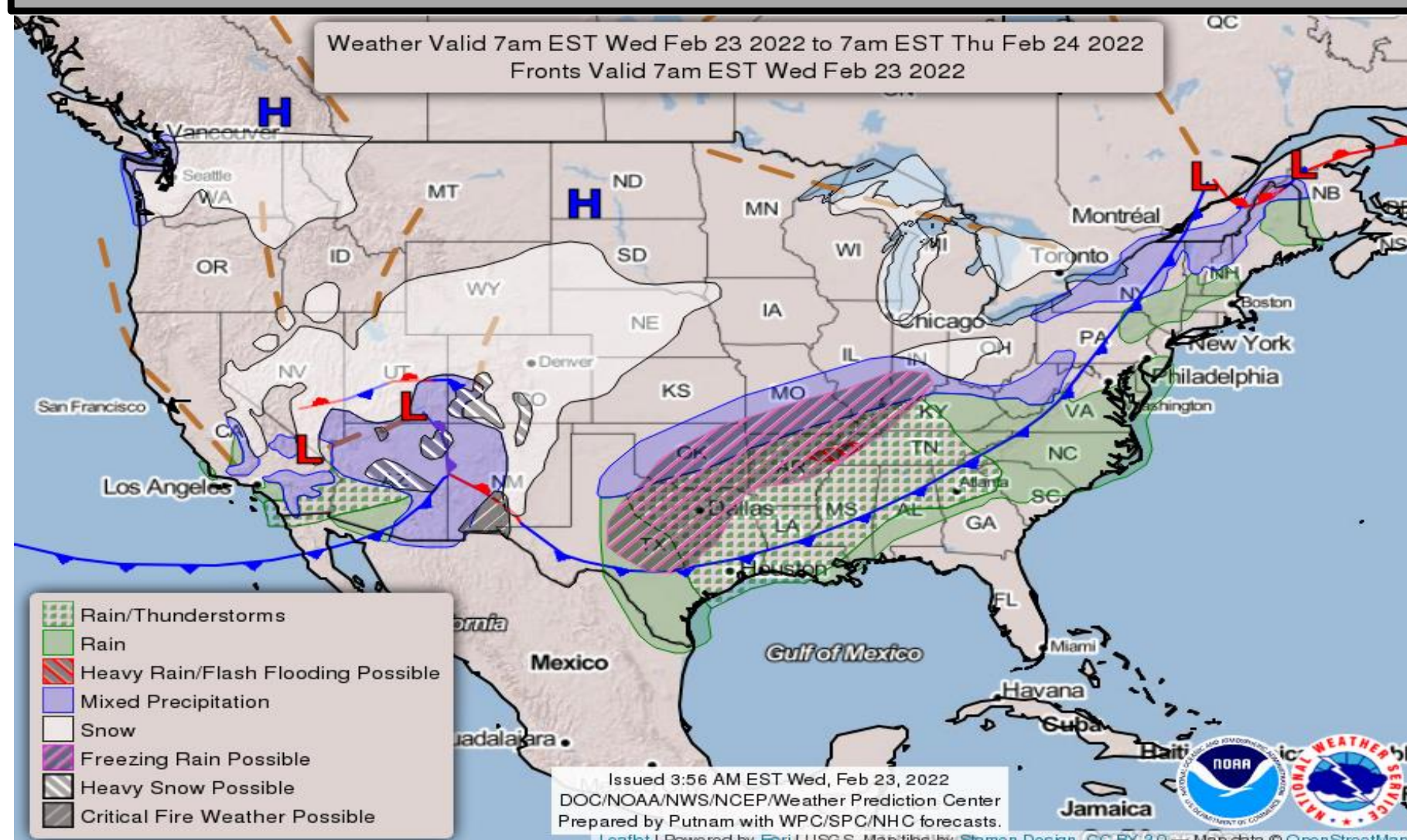
Water will approach homes and many acres of cropland, pastures, and timberland flooded in NE AR.

<http://water.weather.gov/ahps> for latest river flooding

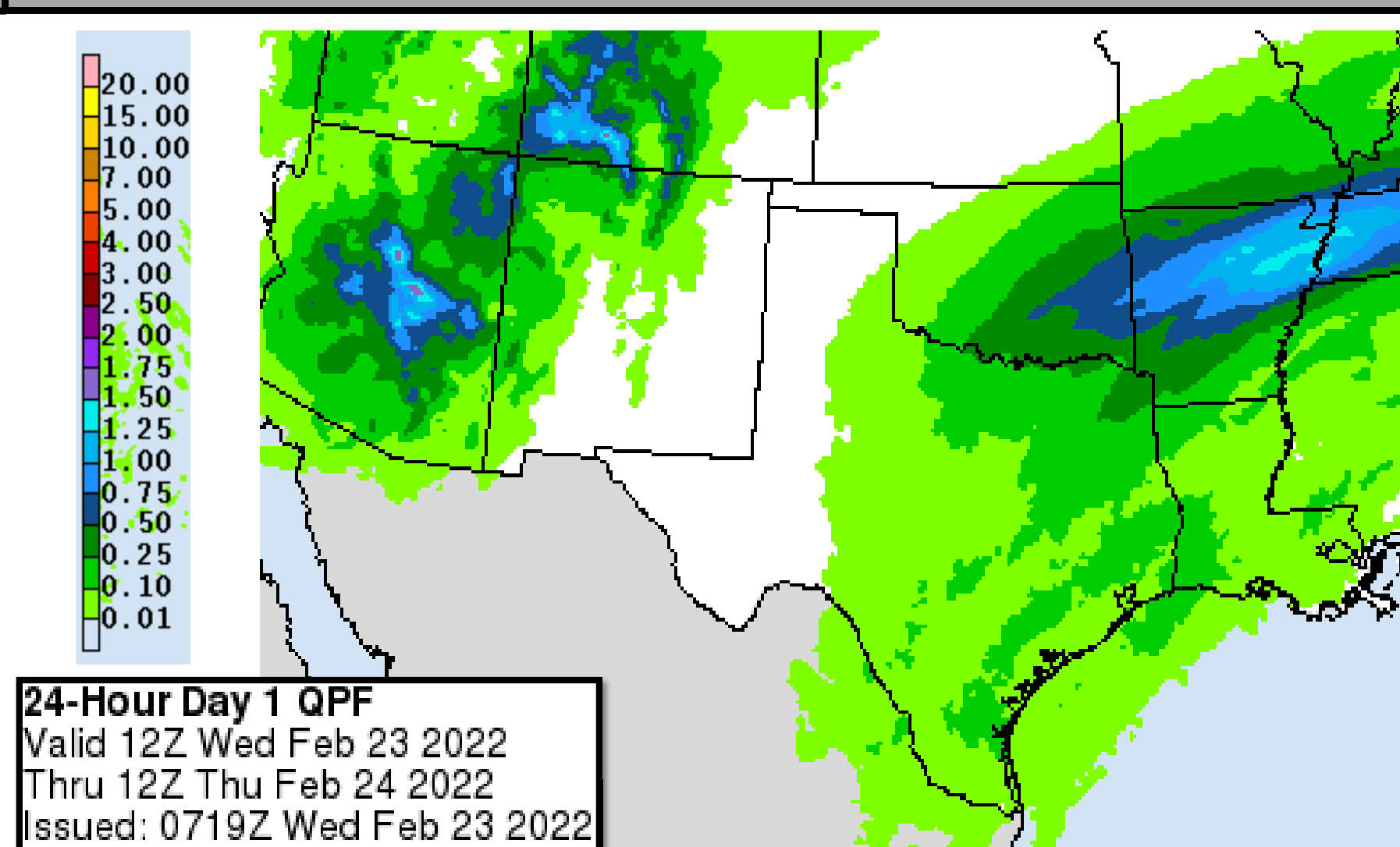


Today's Weather

Forecast Chart



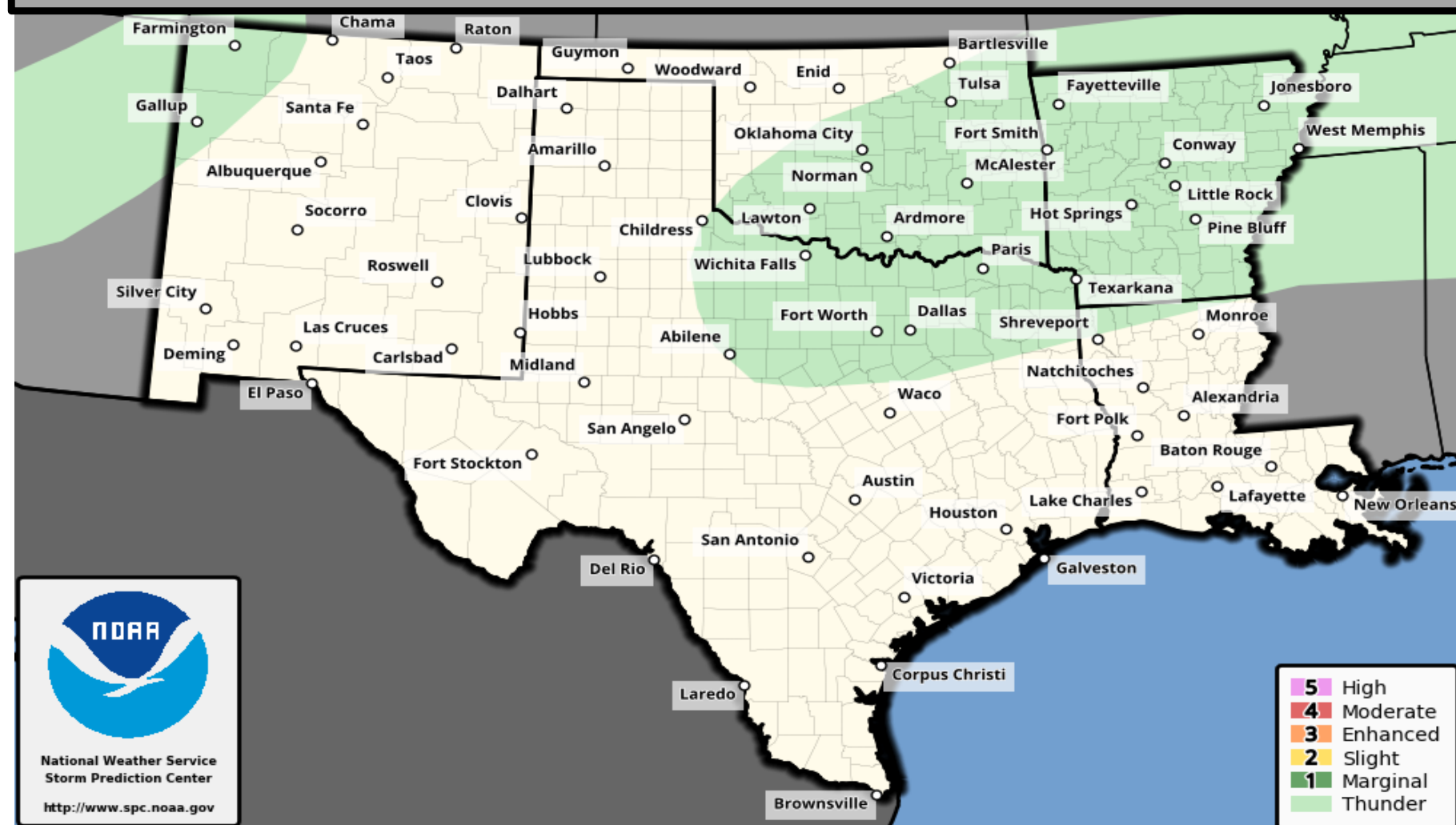
Forecast Rainfall



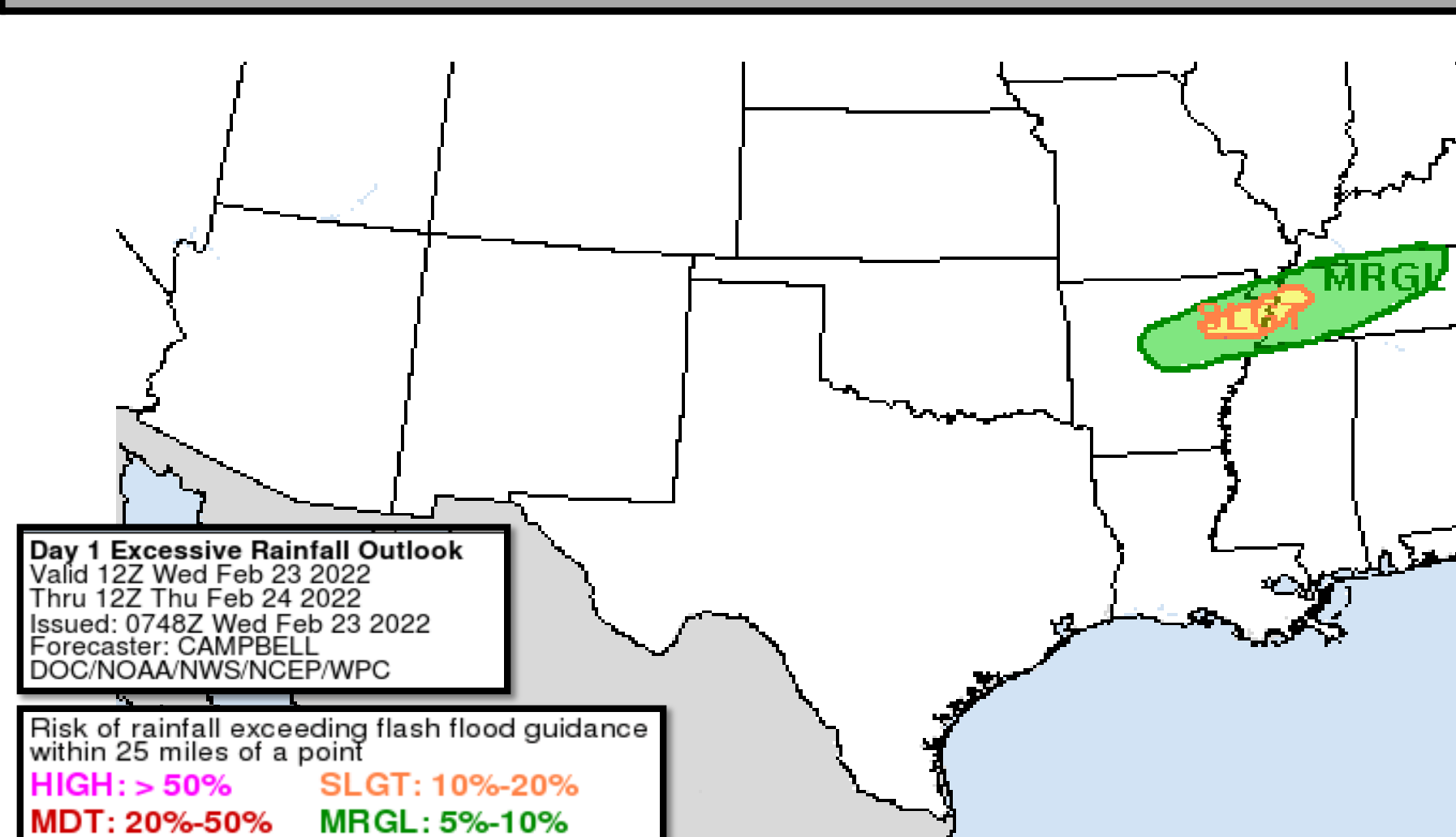
A wintry mix of ice, sleet, and snow are expected across portions of S & E OK and Central & N AR. Power outages and tree damage are likely due to ice. Travel could be nearly impossible.

Wintry precipitation could lead to hazardous travel conditions for portions of N&W NM, SW & Central OK, and N/Central/W TX.

Severe Weather Outlook



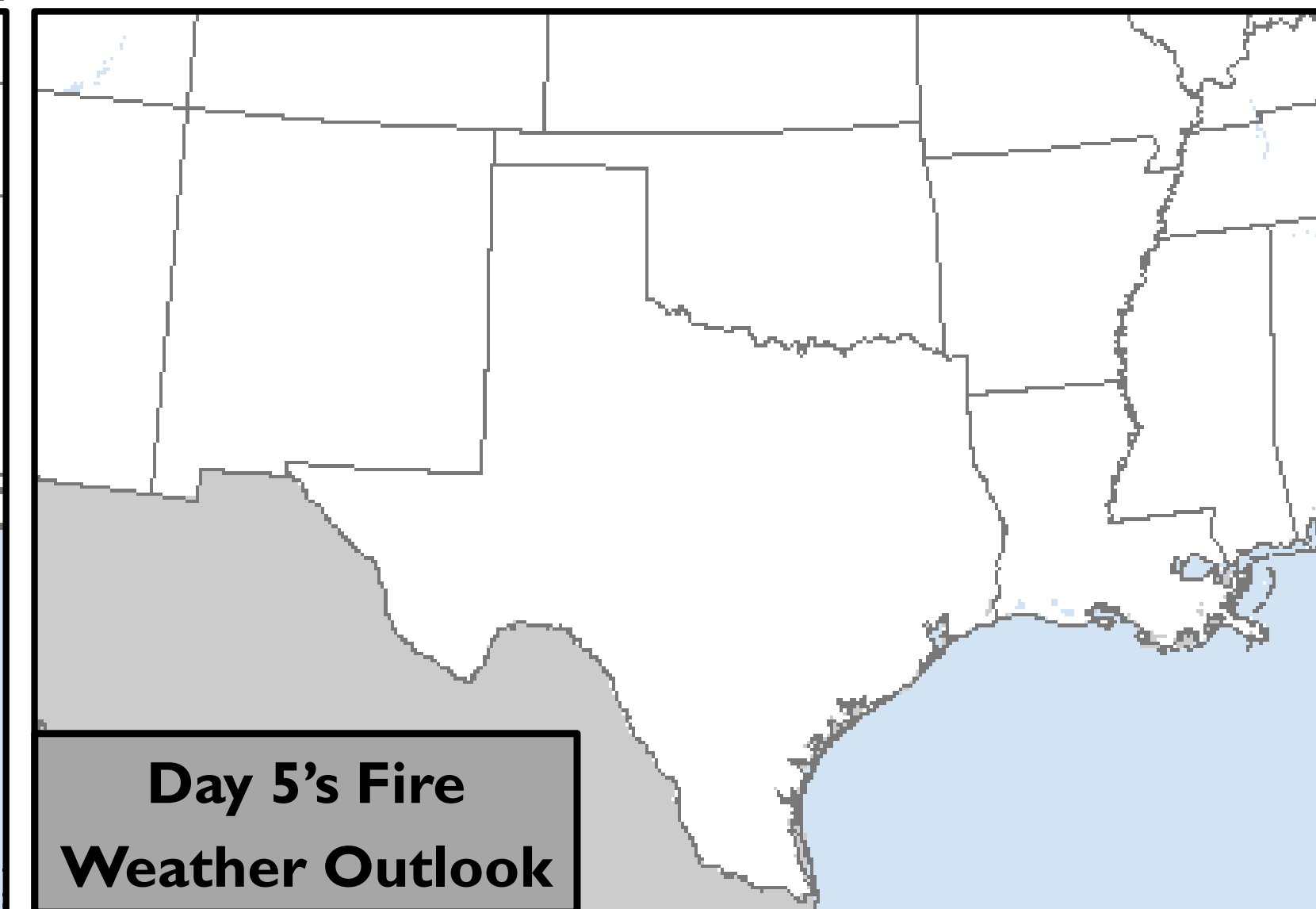
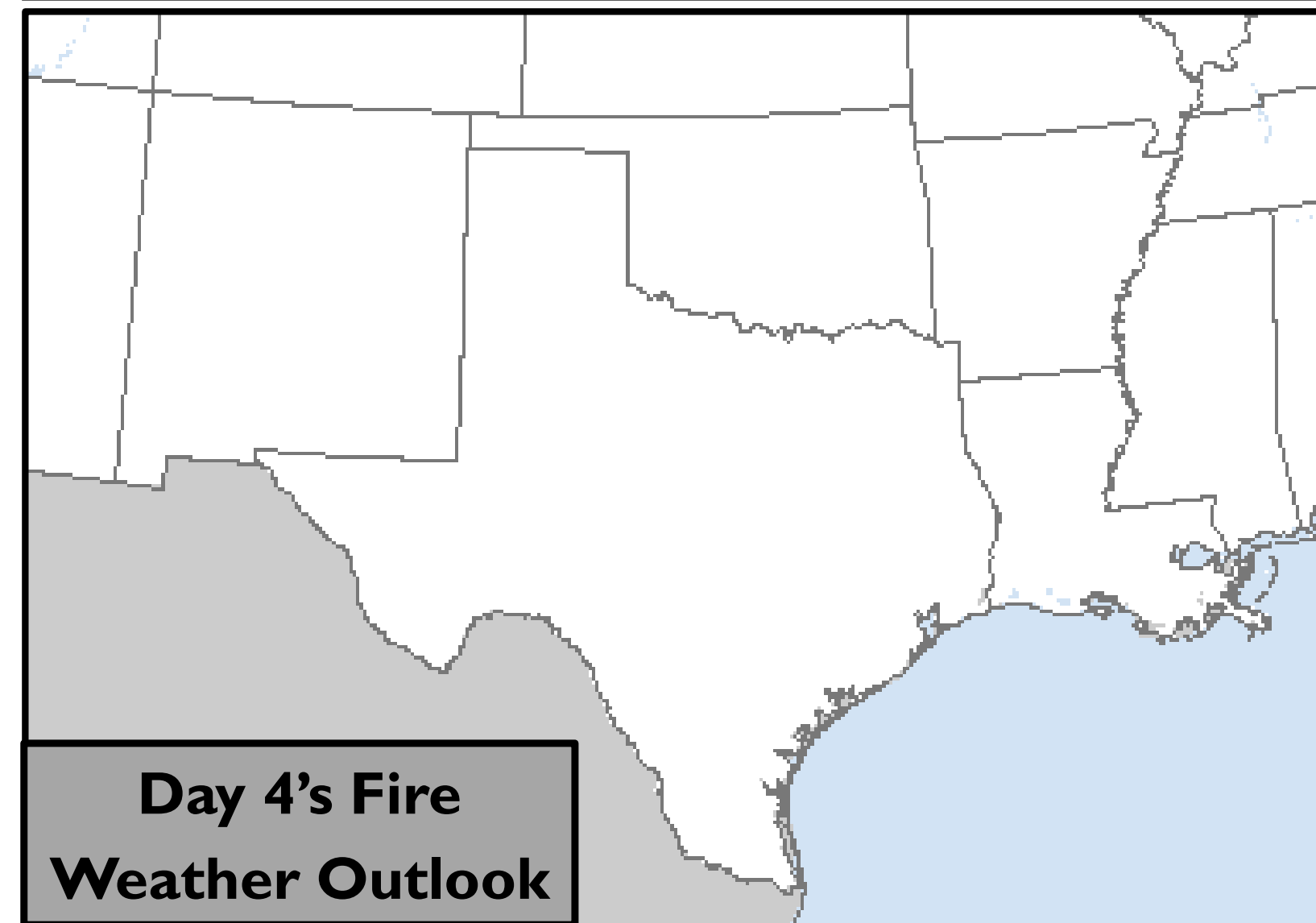
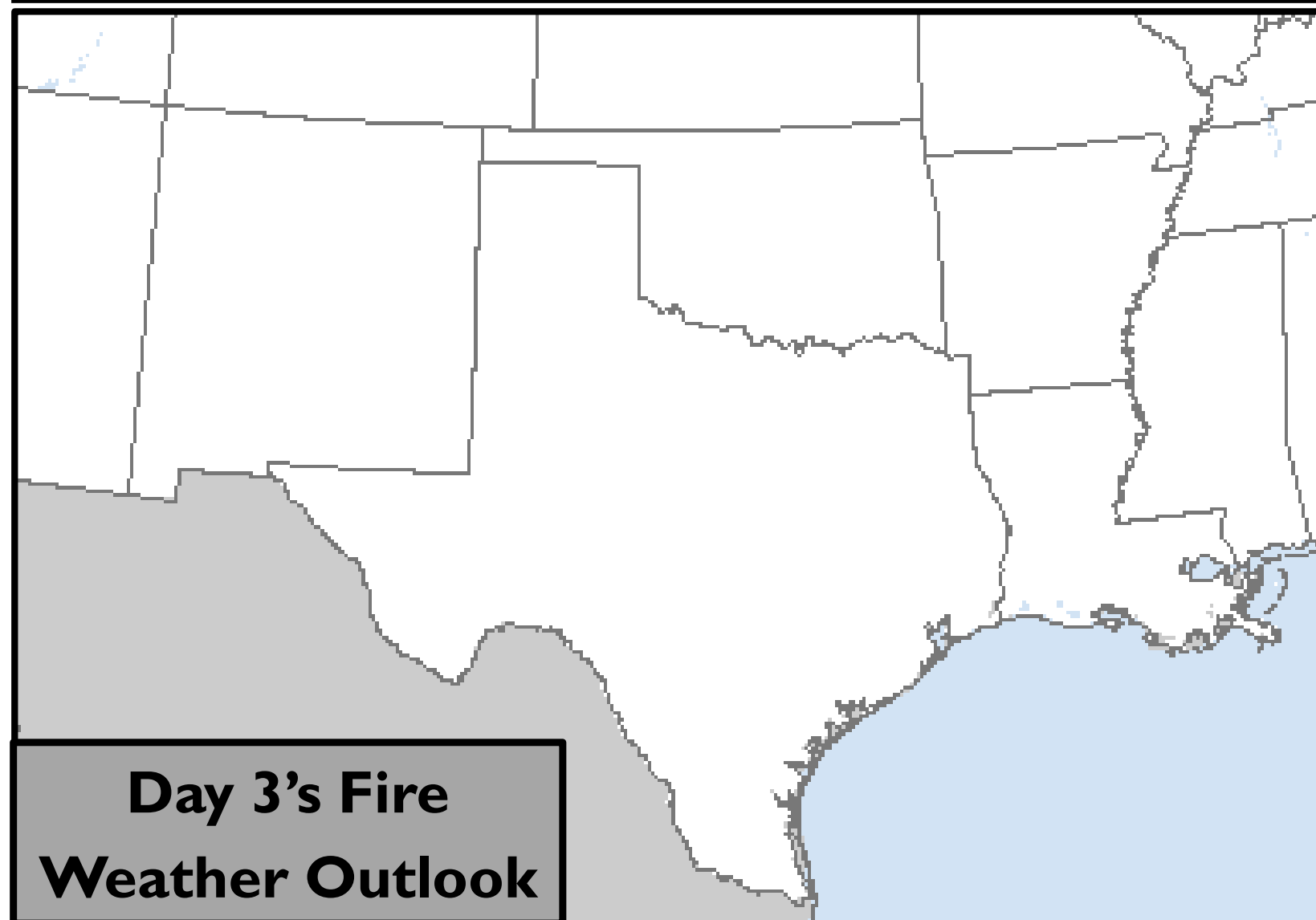
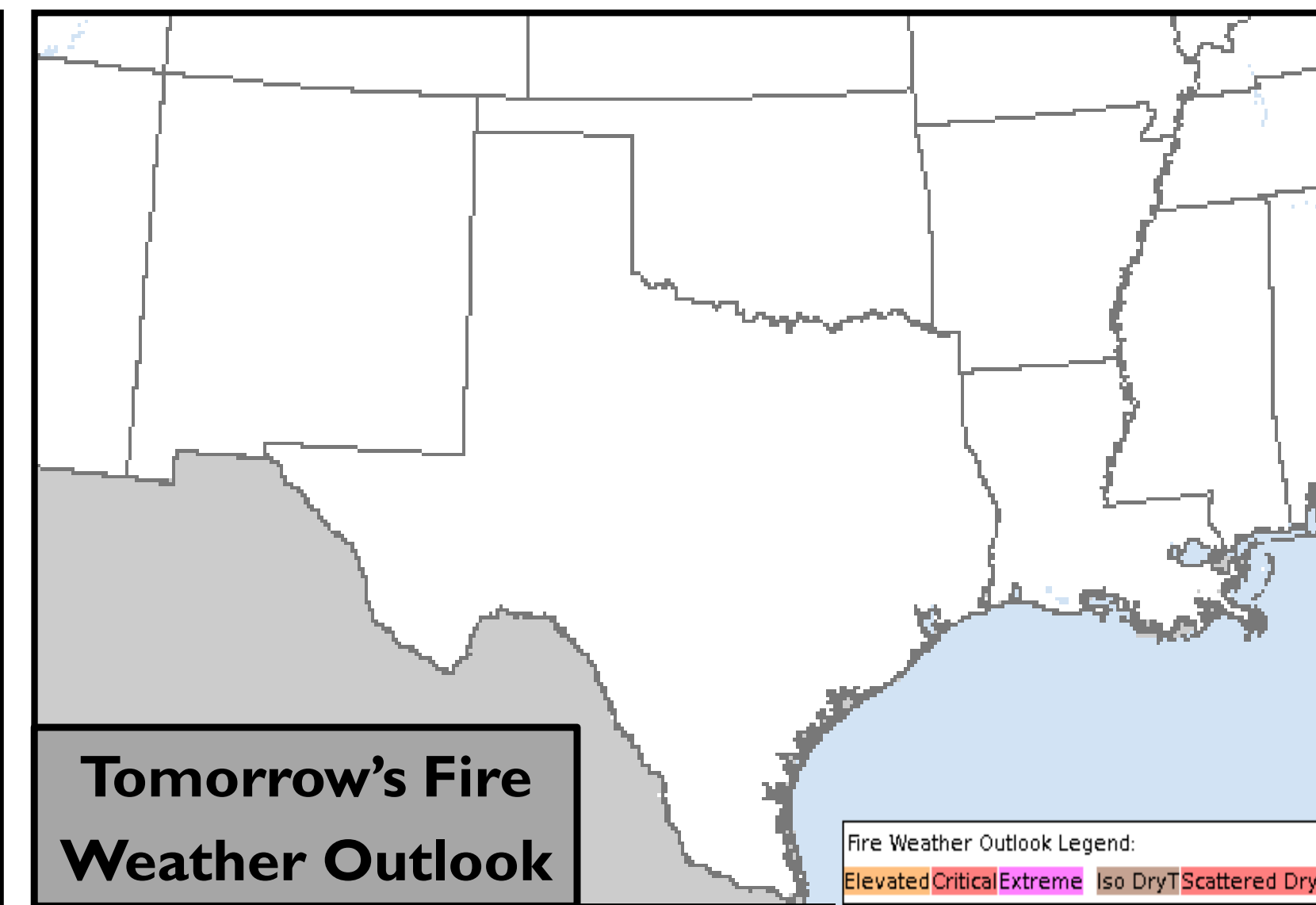
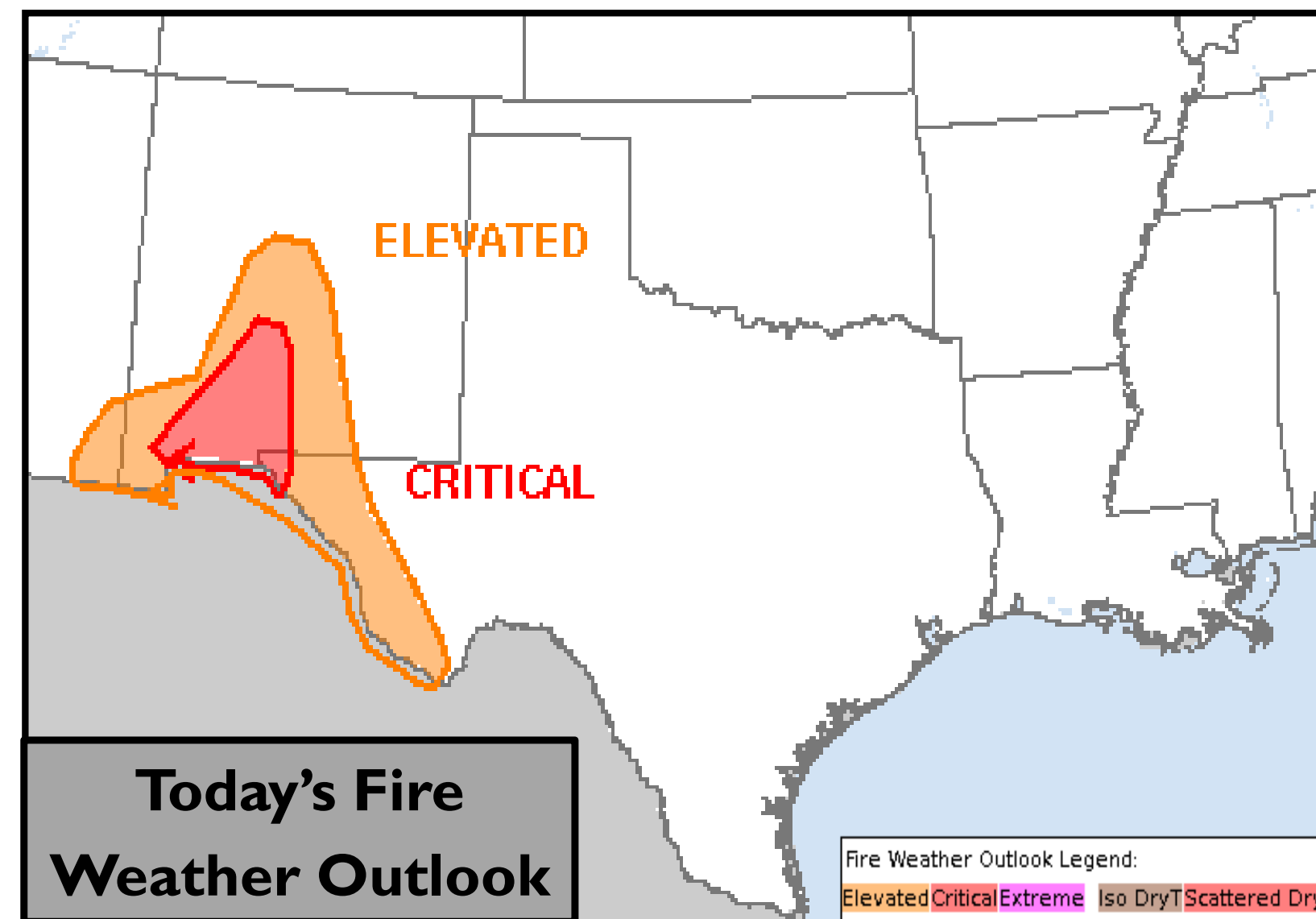
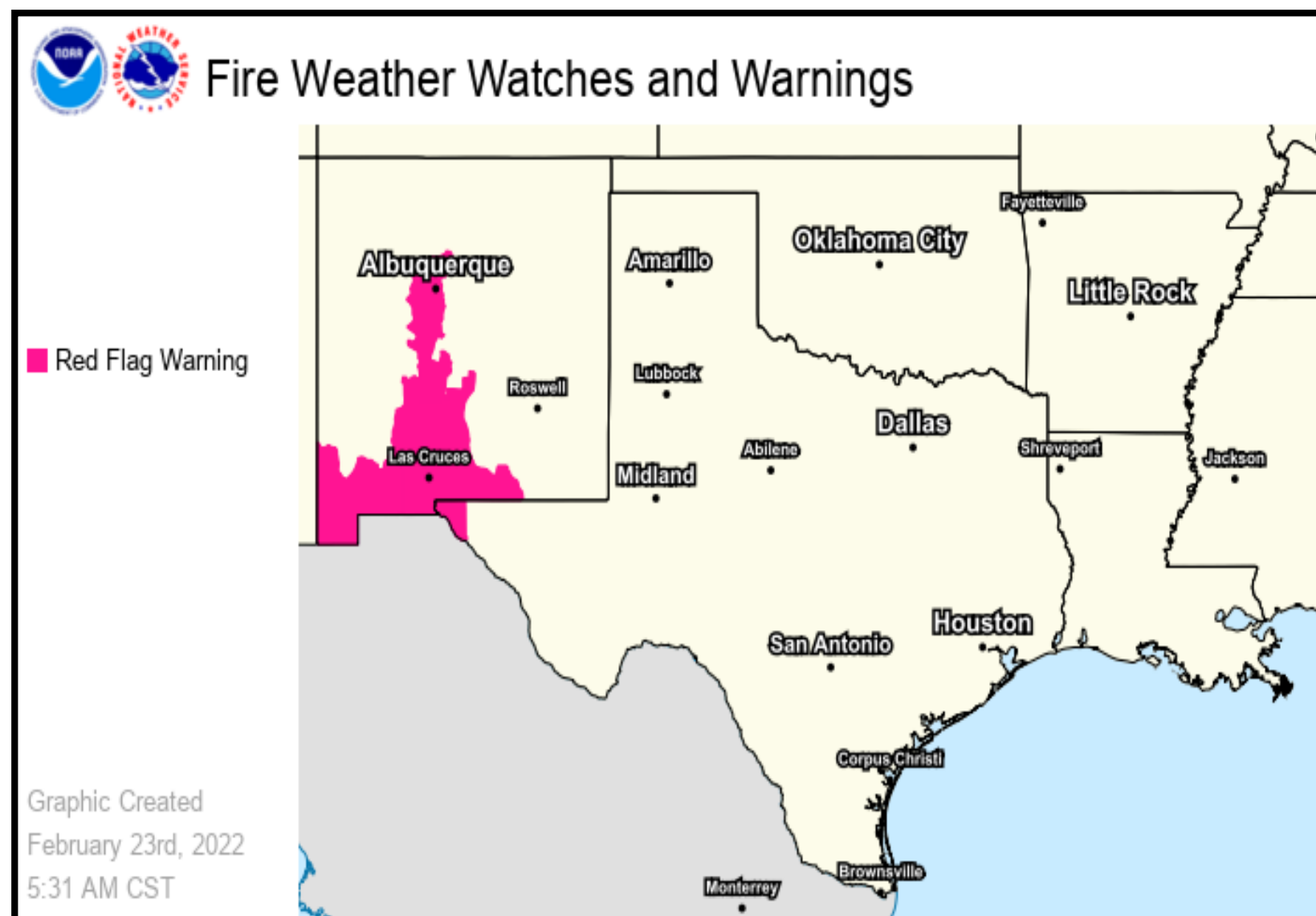
Excessive Rainfall Outlook





Fire Weather Outlooks

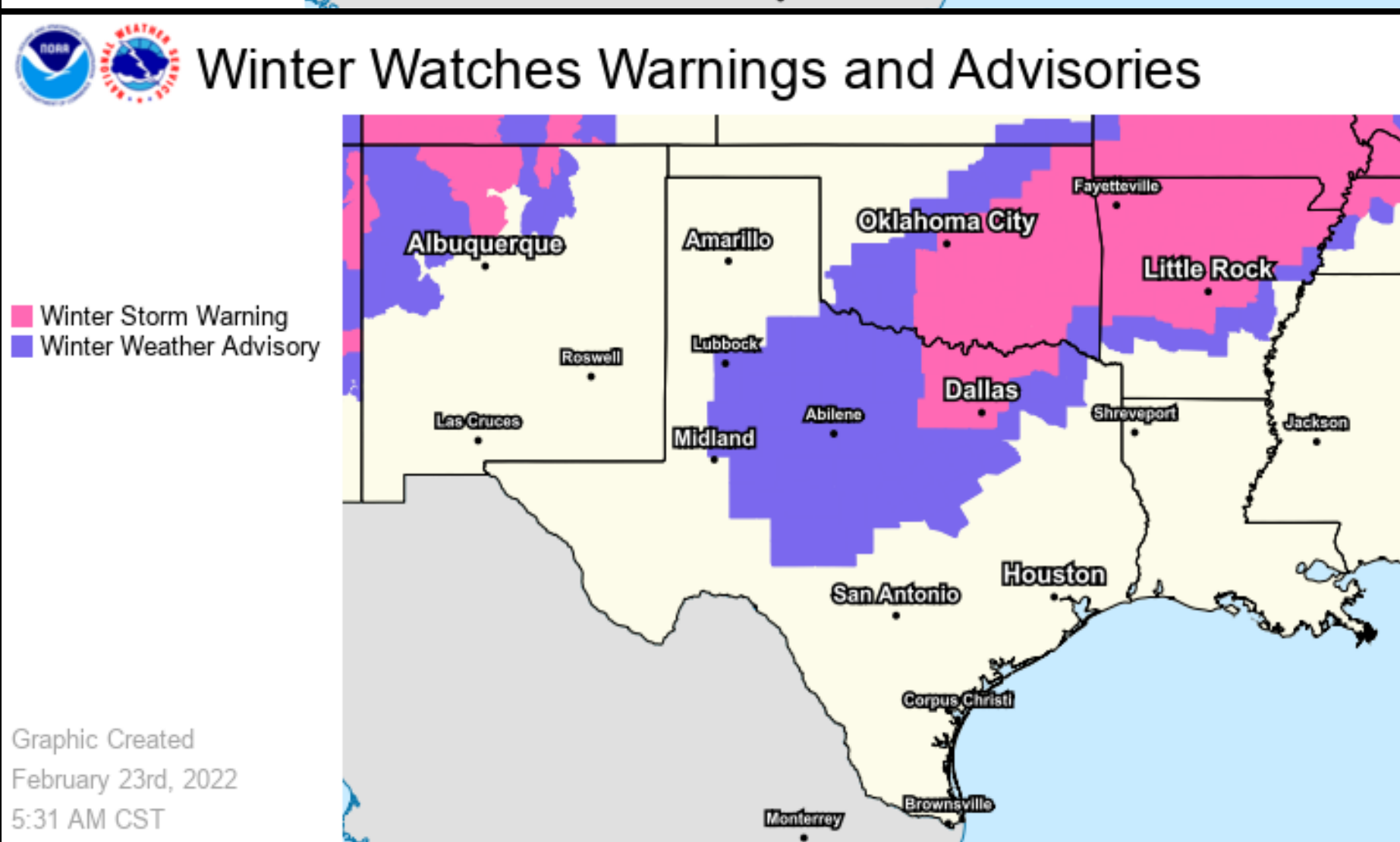
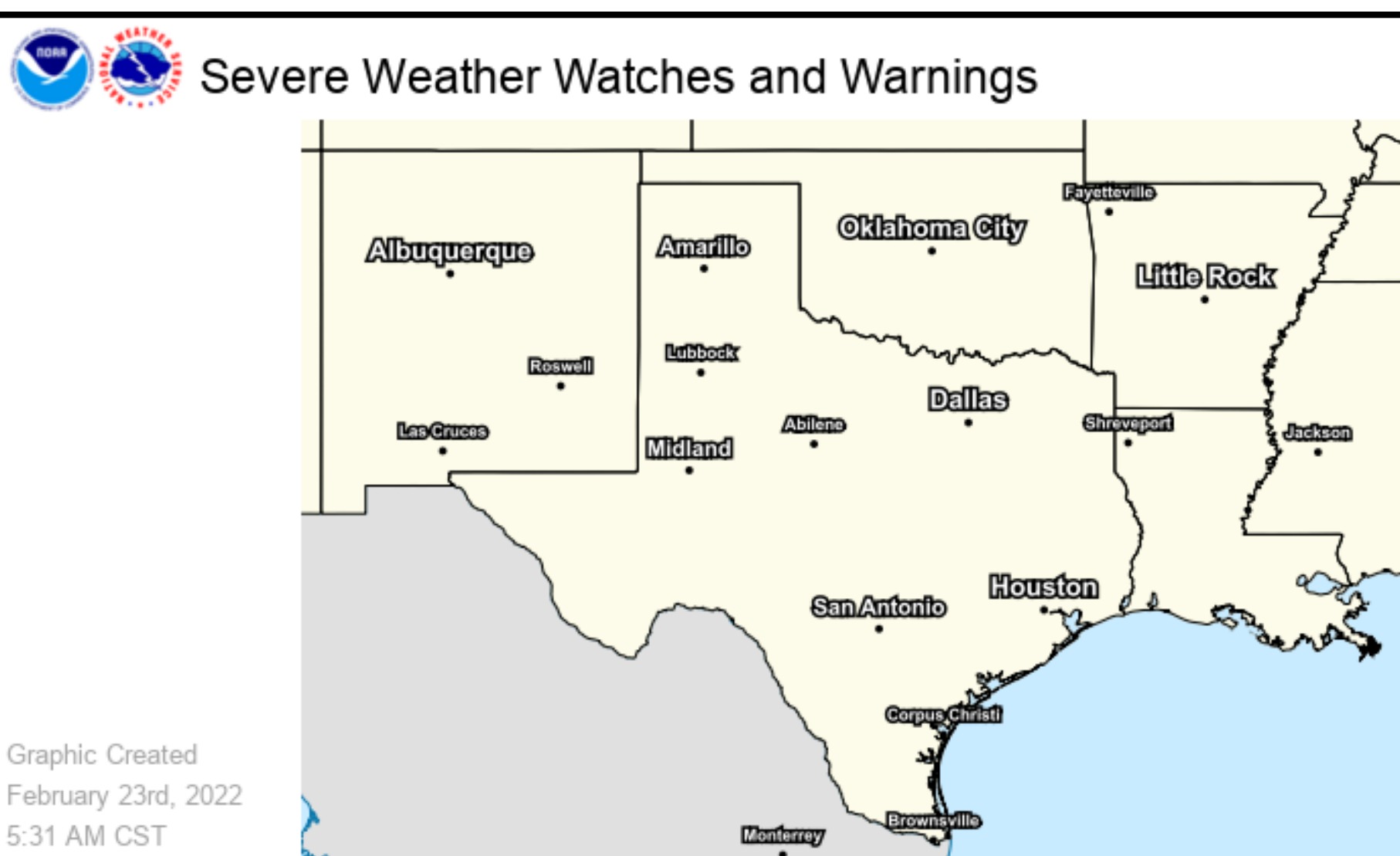
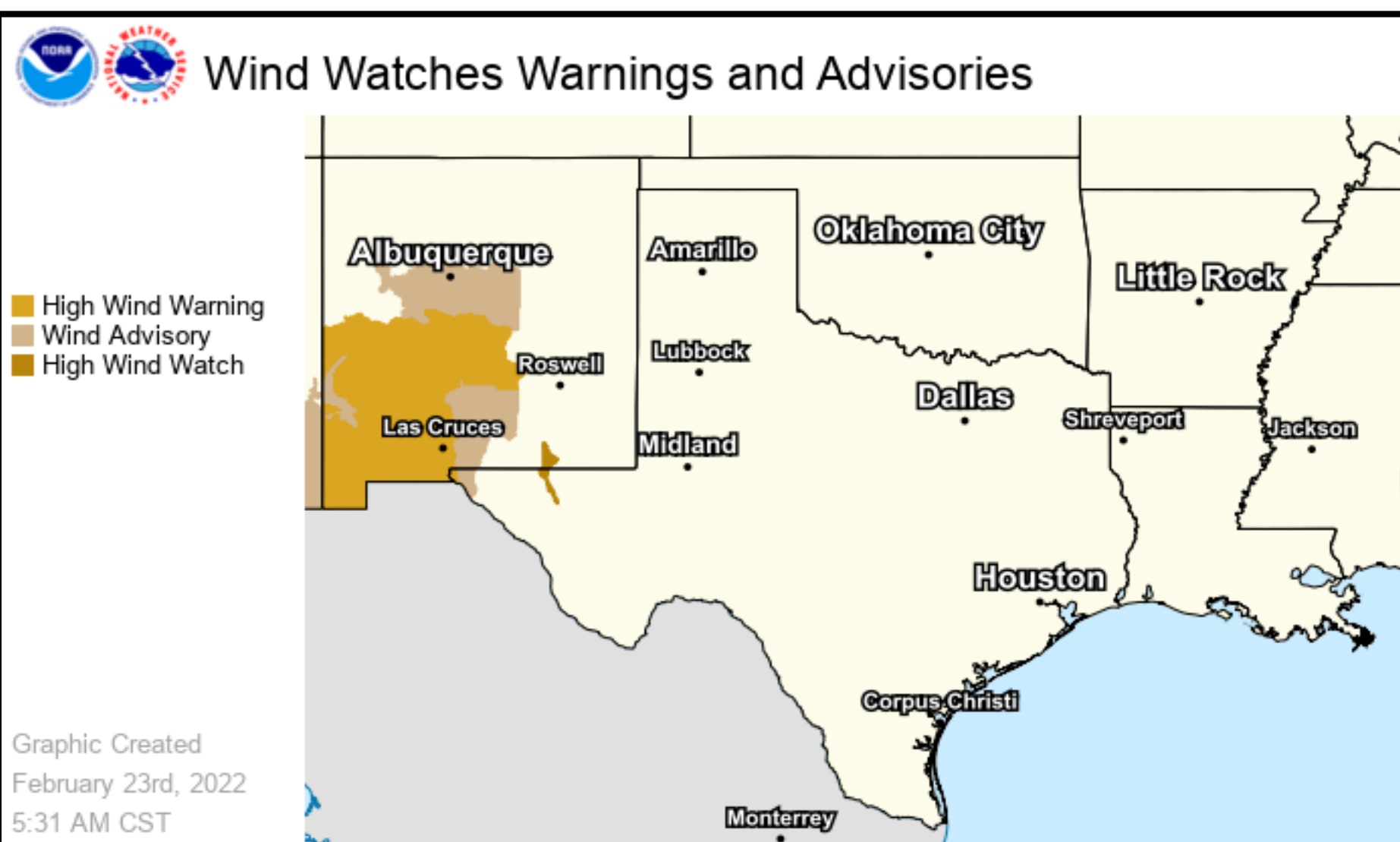
Note: Days 3-5 only highlight critical areas





Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



Winter Storm Warnings across portions of S&E OK and Central & N AR through Thursday afternoon. A wintry mix of ice, sleet, and snow are expected. Power outages and tree damage are likely due to ice. Travel could be nearly impossible.

Winter Storm Warnings and Winter Weather Advisories through tonight for portions of N&W NM and through Thursday afternoon for portions of SW & Central OK and N/Central/W TX. Wintry precipitation could lead to hazardous travel conditions.



Winter Weather

Wednesday - Friday

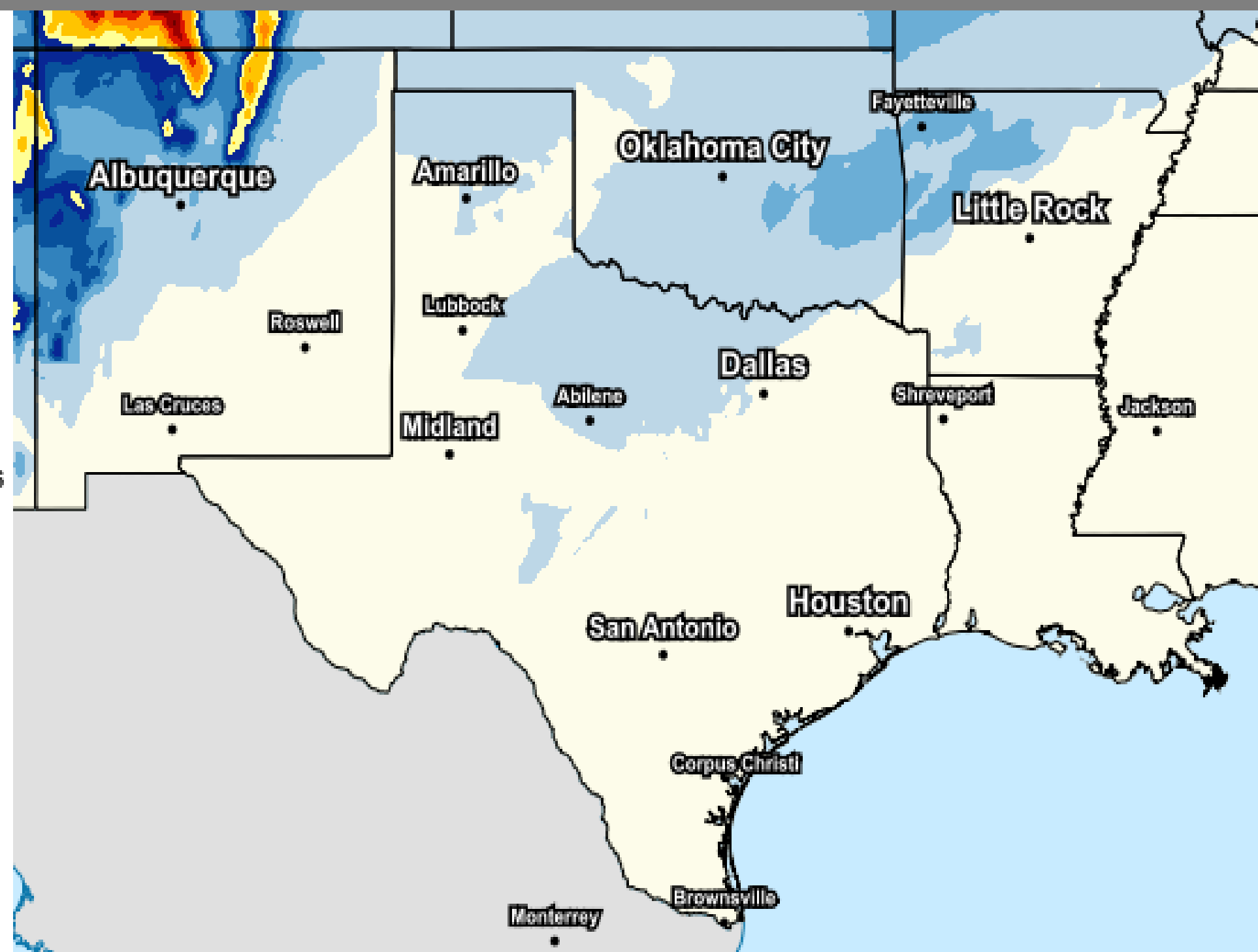
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Saturday February 26th, 2022 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
February 23rd, 2022
5:21 AM CST

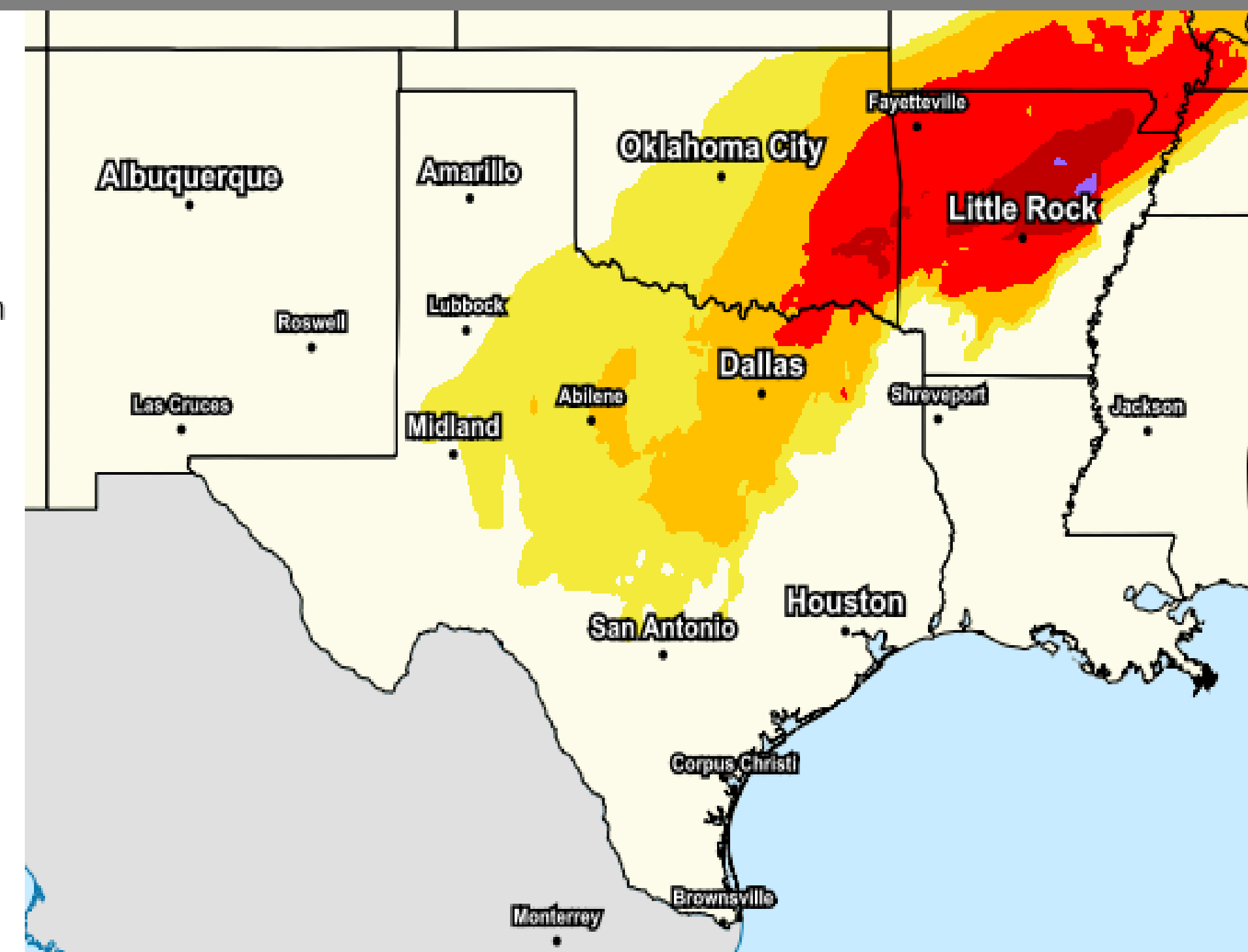
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Saturday February 26th, 2022 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch

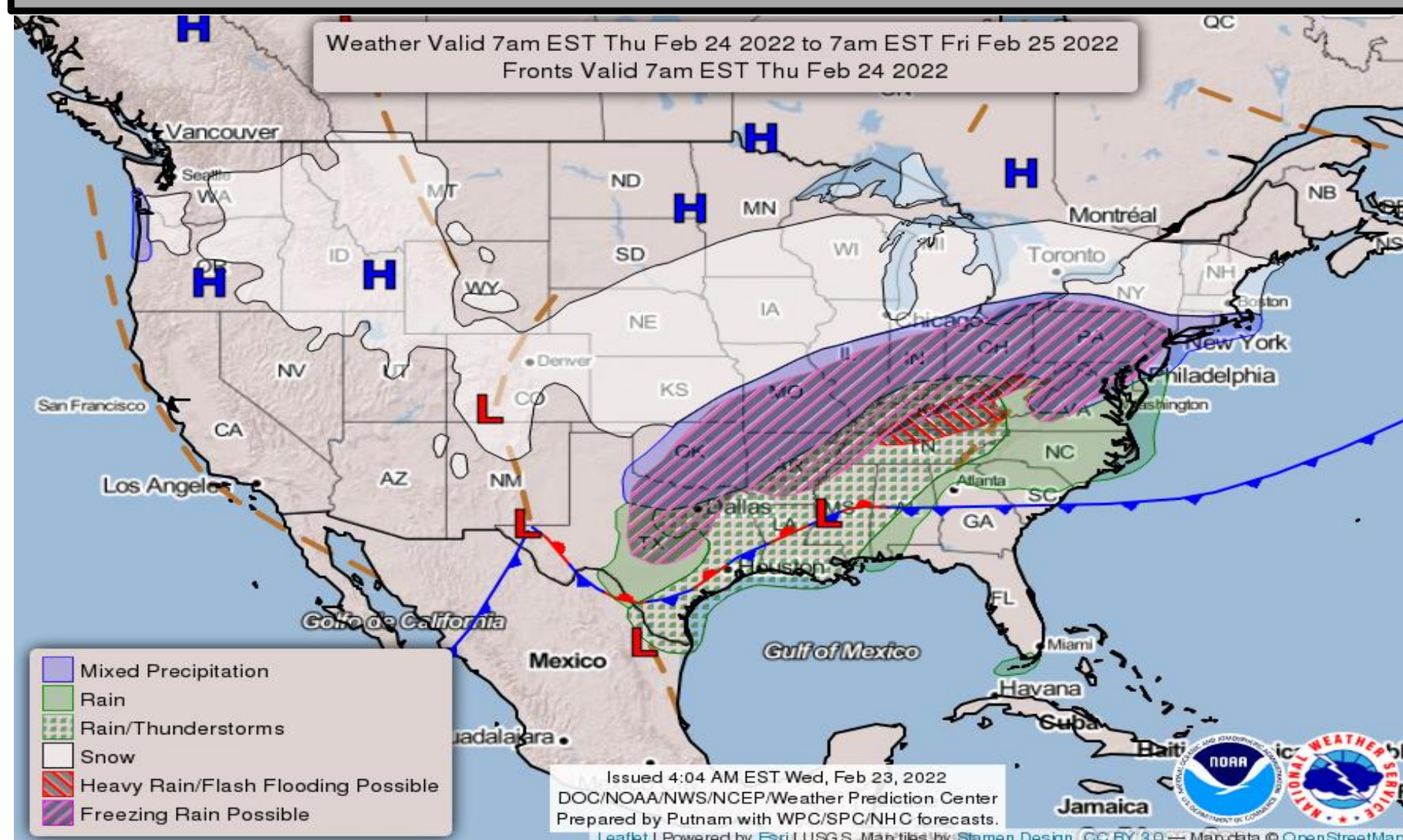


Graphic Created
February 23rd, 2022
5:21 AM CST

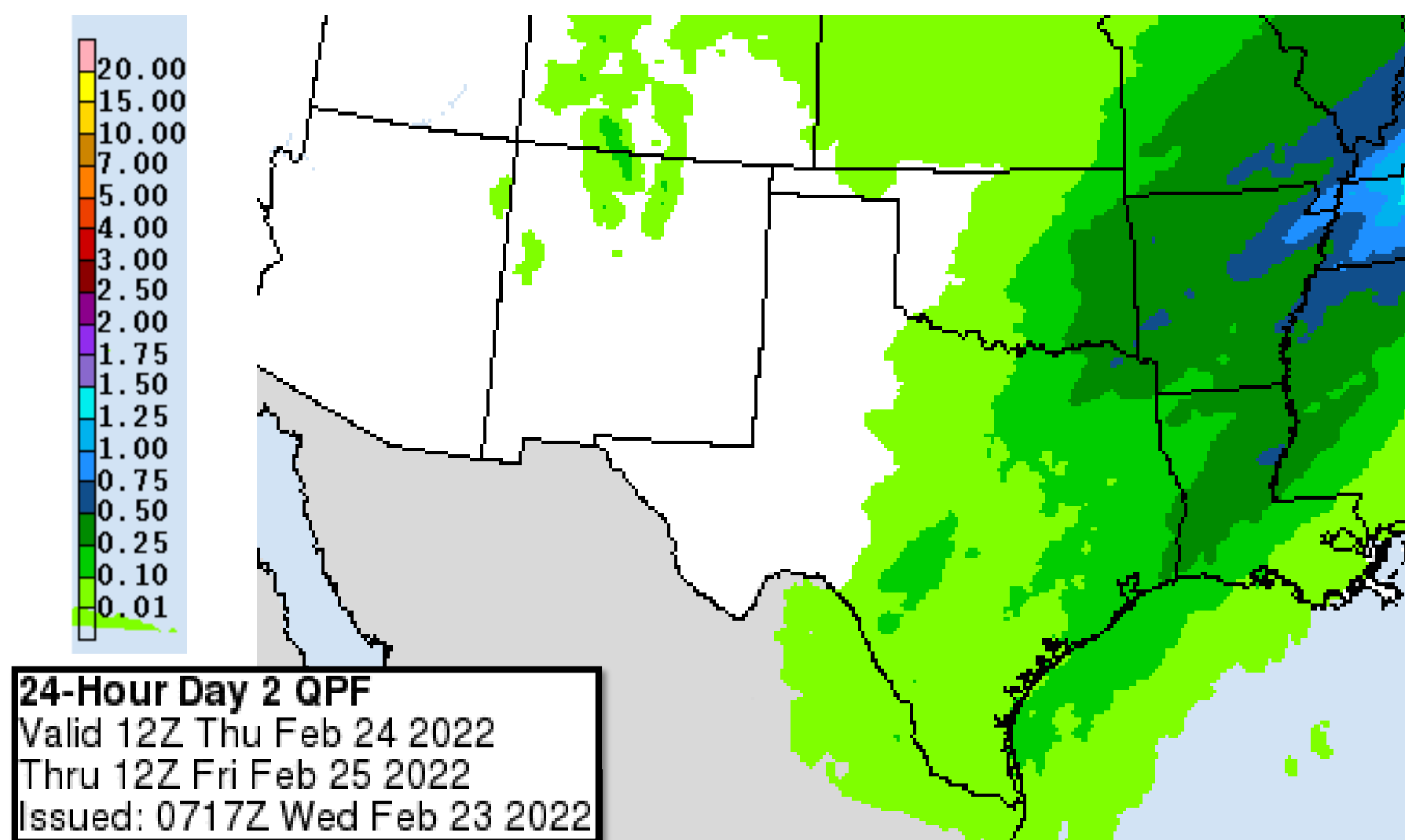


Tomorrow's Weather

Forecast Chart



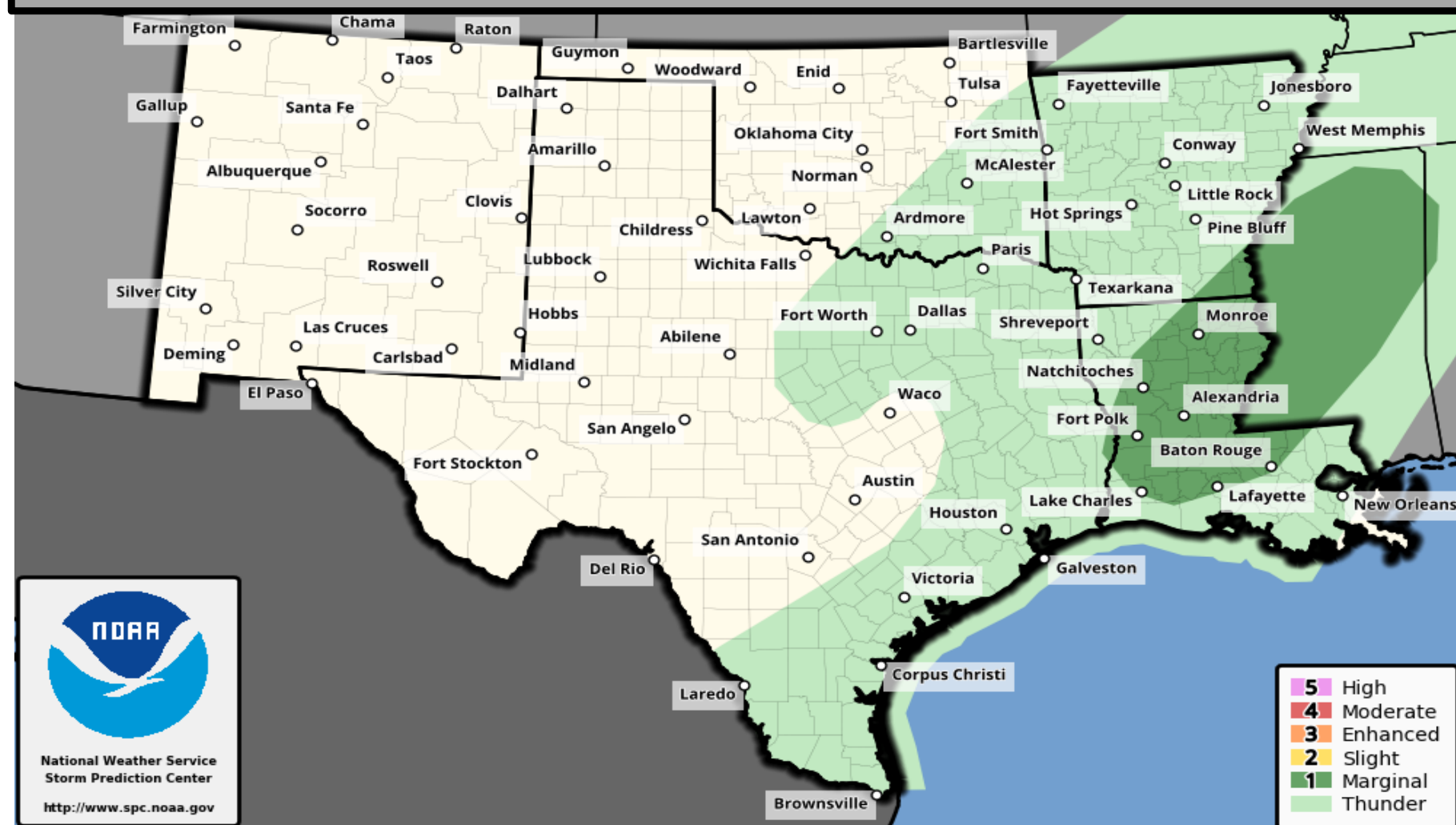
Forecast Rainfall



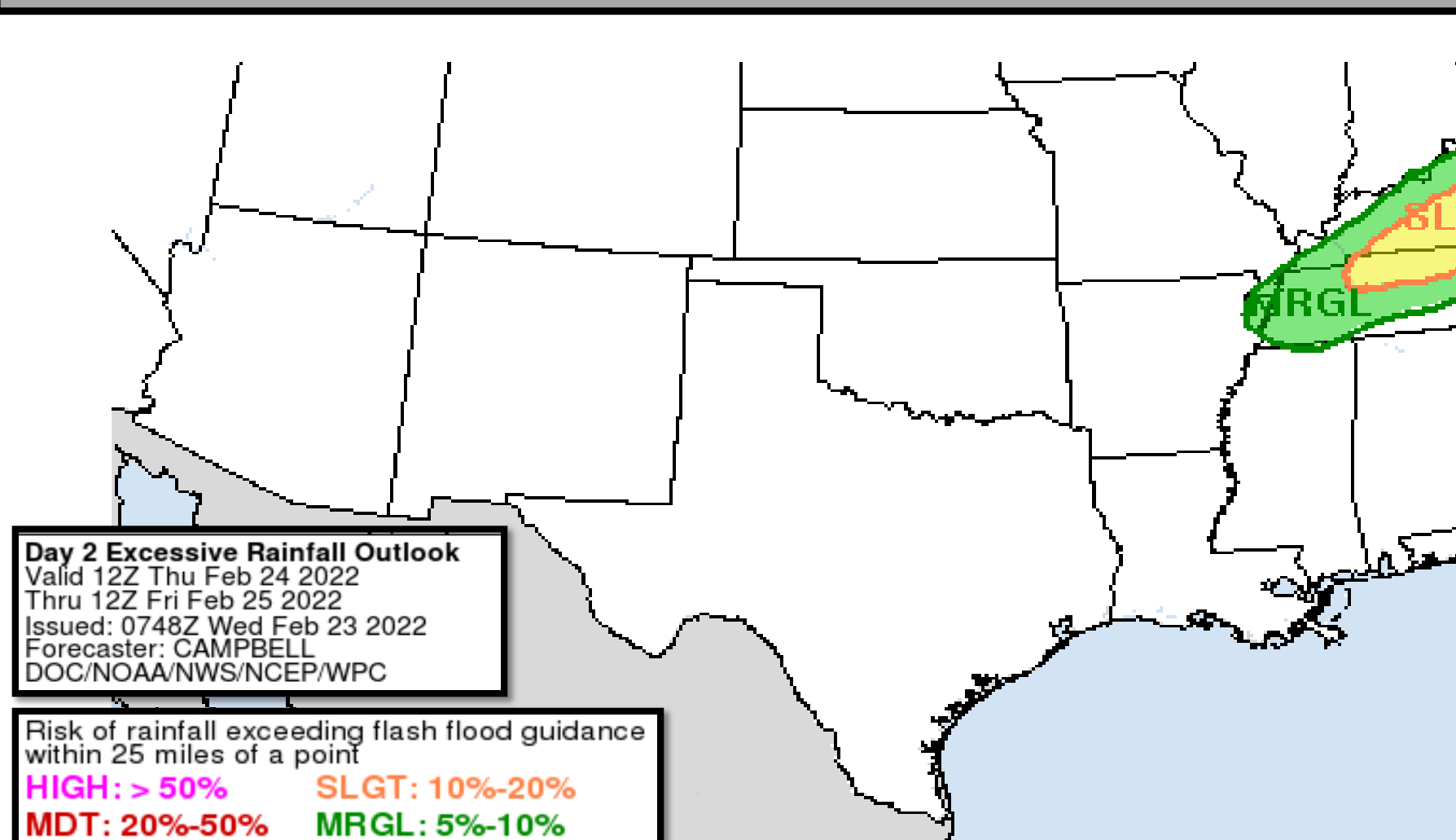
Wintry mix of ice, sleet, and snow continues into Thursday across portions of S&E OK and Central & N AR. Power outages and tree damage are likely due to ice. Travel could be nearly impossible.

Wintry precipitation with possible hazardous travel conditions continues into Thursday for N&W NM, Central OK, and N TX.

Severe Weather Outlook



Excessive Rainfall Outlook

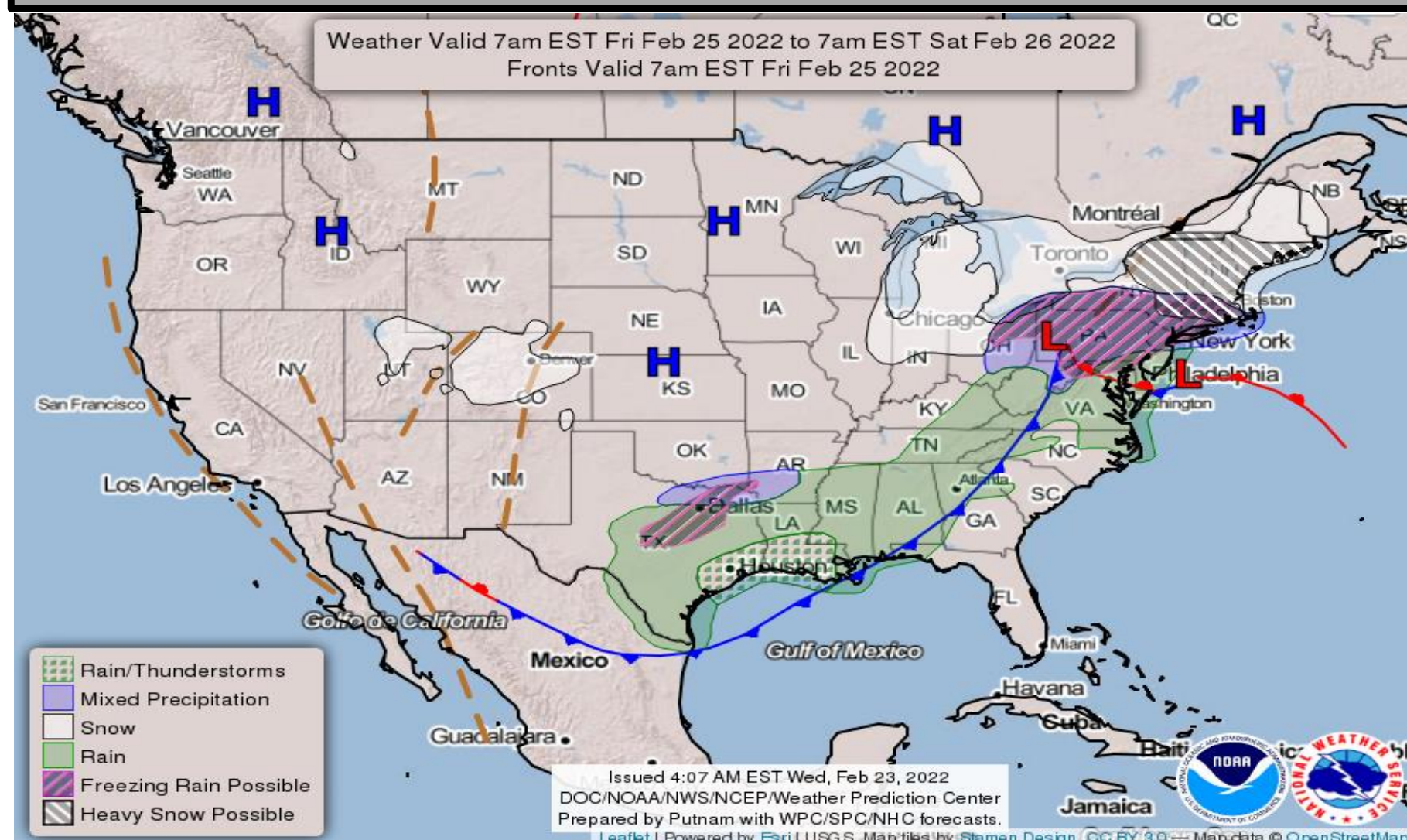


Marginal risk of severe thunderstorms for LA into SE AR. Isolated hail and gusty winds are the main threats.

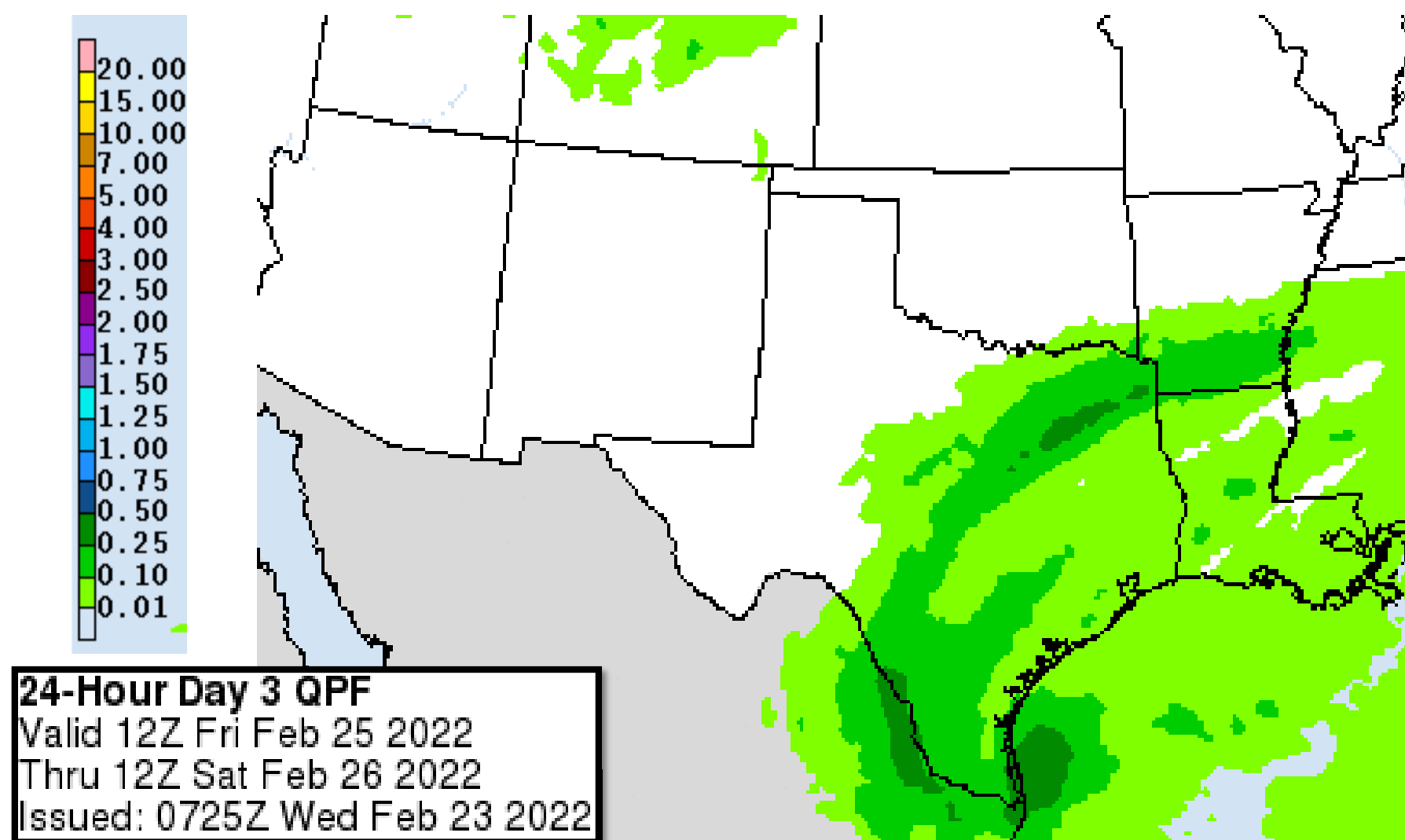


Friday's Weather

Forecast Chart

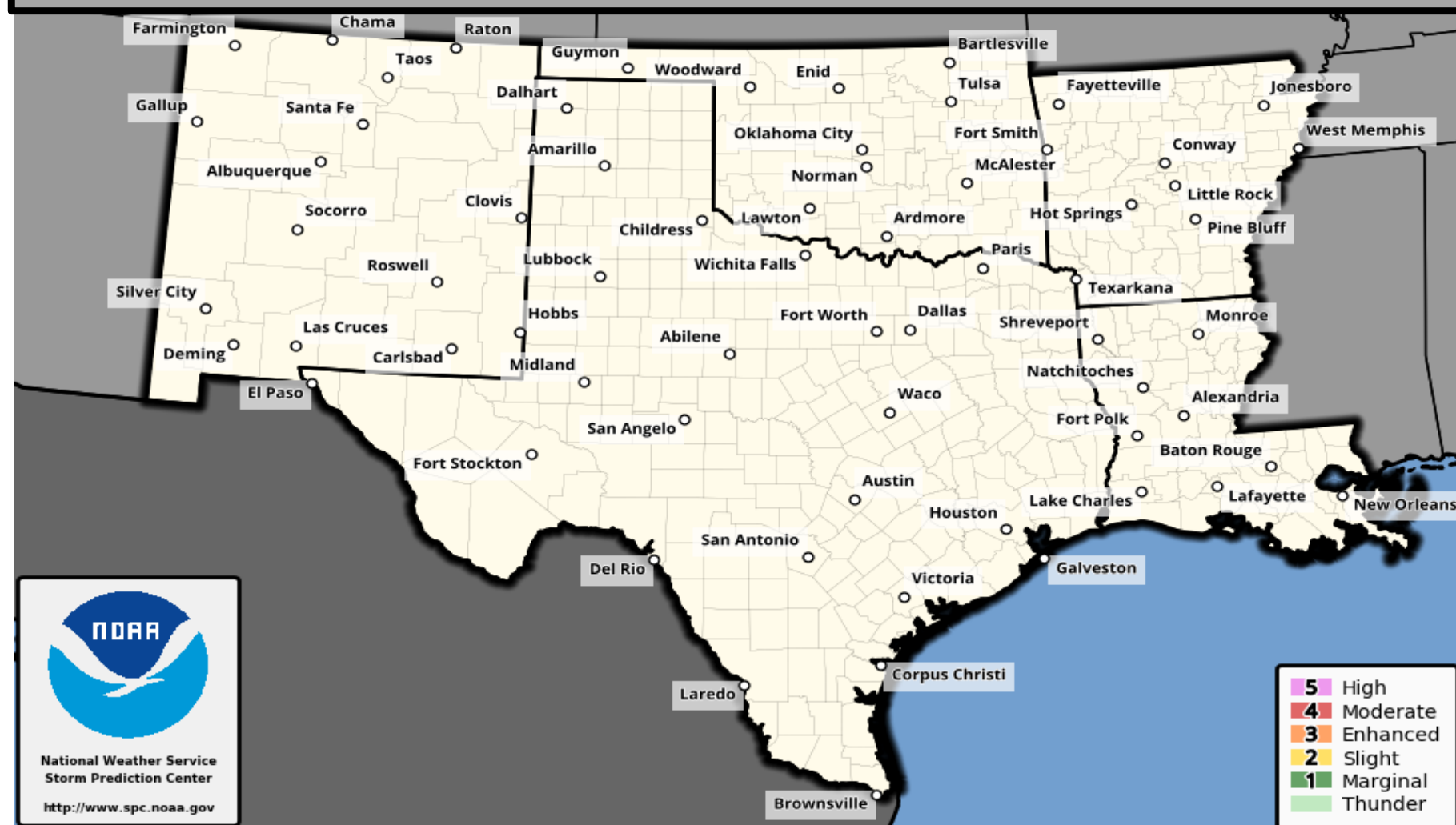


Forecast Rainfall

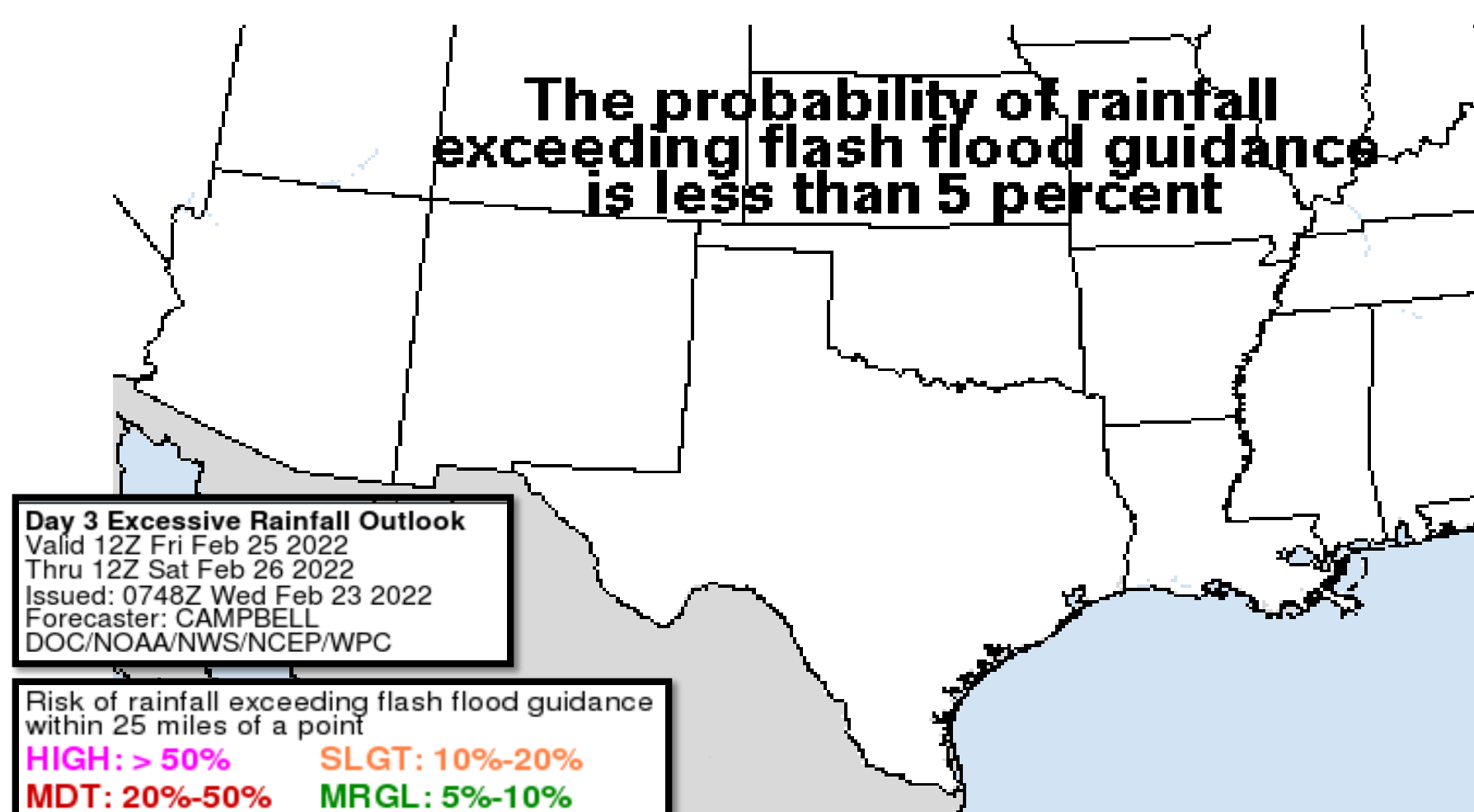


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

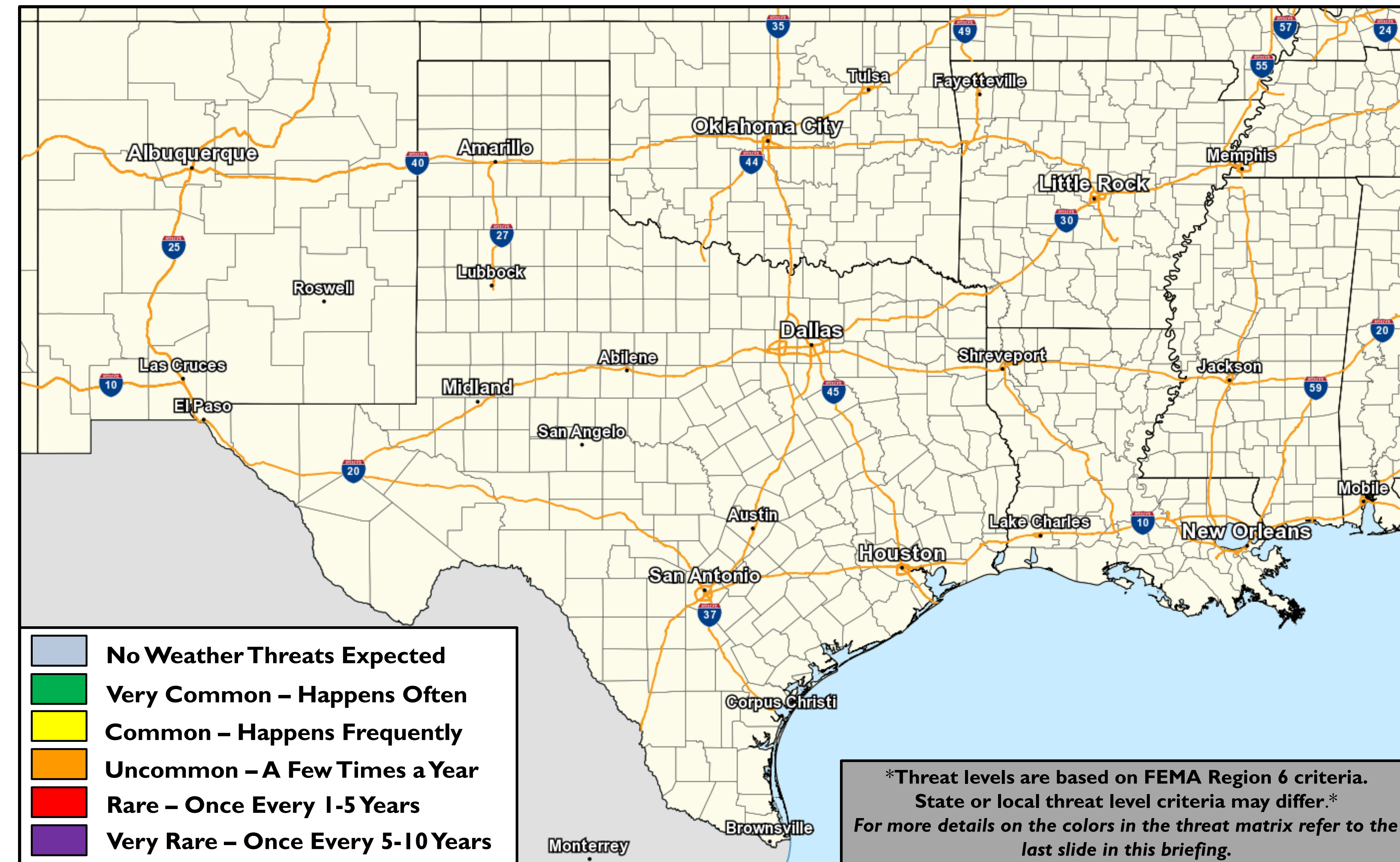




Days 4-5 Weather Hazards

Saturday - Sunday

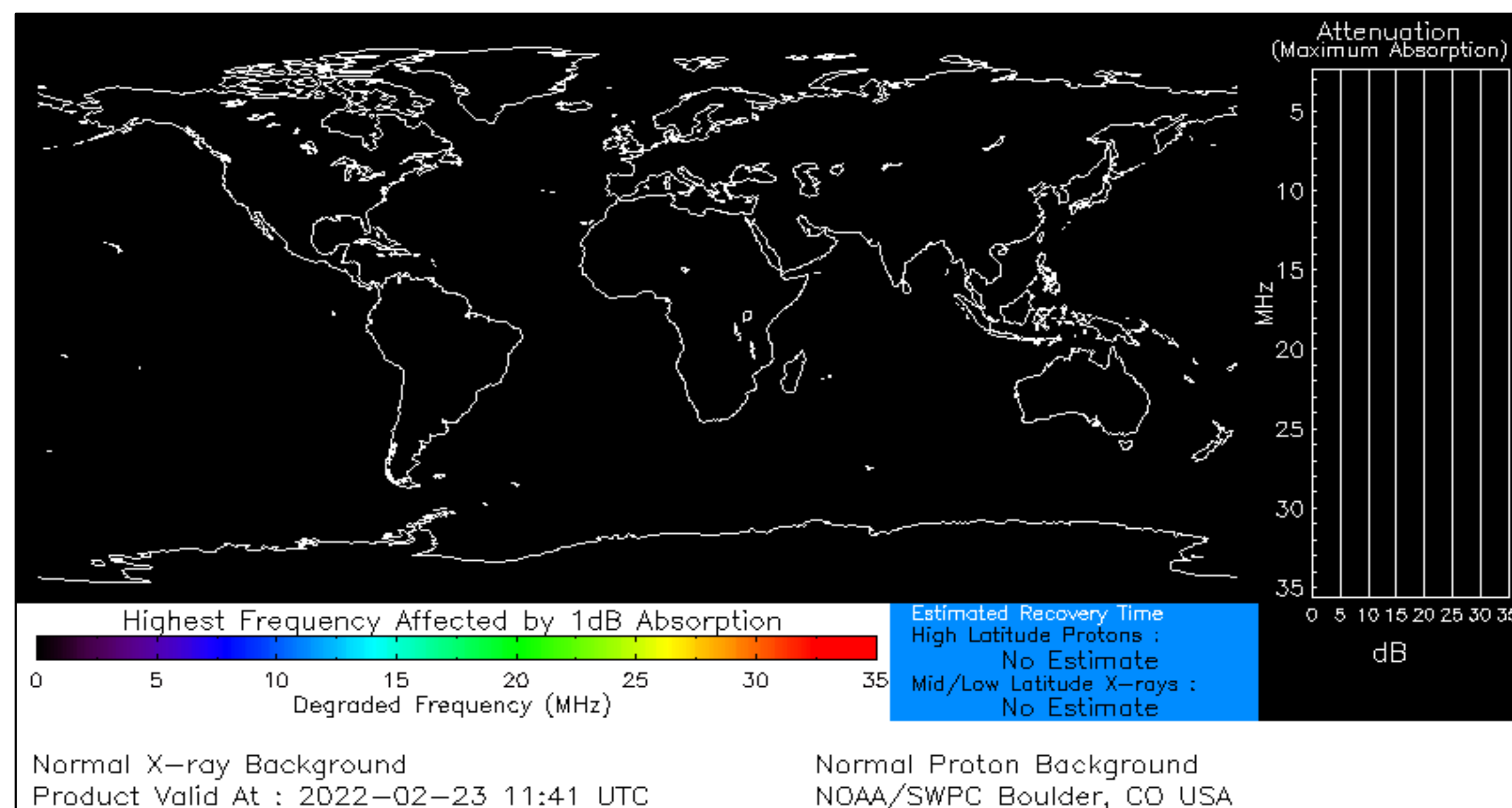
No significant weather expected.





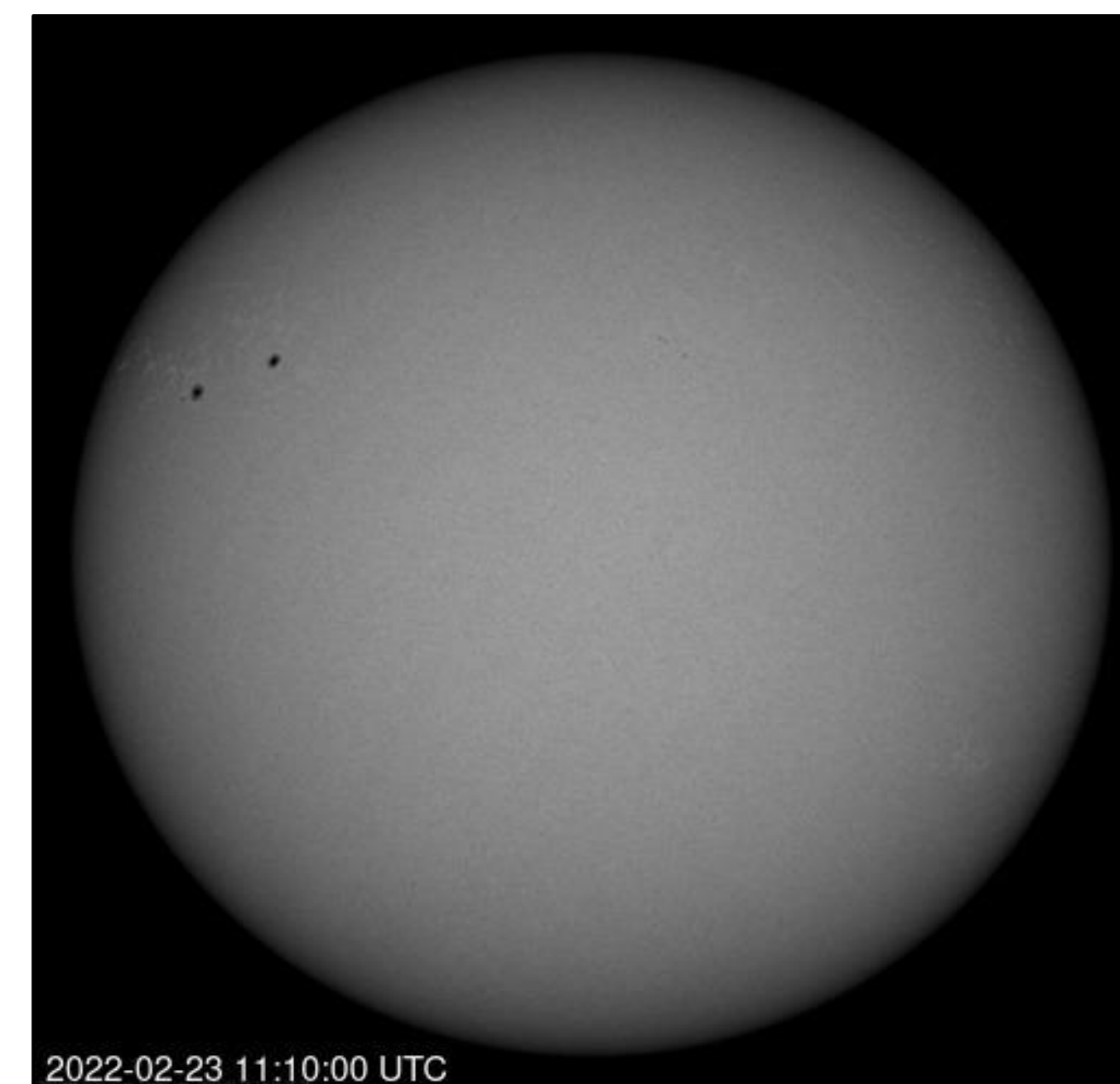
Space Weather 3-Day Forecast

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





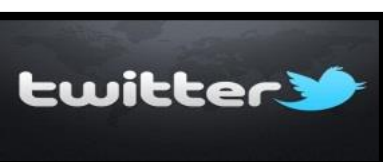
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov